Recovery and Resiliency Framework Appendix A Potential Actions List - FIELD DEFINITIONS

Implementation Status	definition	Funding Status	definition	County Role	examples
Researching	Idea is being explored; staff is gathering information; partners are being identified; and/or stakeholders requested that action be considered.	Funded	Regardless of origin, the money source(s) to perform this activity is KNOWN and ACCESSIBLE whether through external grants, General Funds, etc. Funding is allocated, budgeted, awarded, and staff time, materials, contractors, etc. can be paid.	Lead	Leader, Director, Manager, Administrator, Executive, Principal
Scoping	Specific objectives, geographic coverage, target populations, timeframes or conditions are being identified and/or quantified. Scopes of work, tasks, schedules, and budgets have been developed either as part of existing programs and operations or as part of external grant-funded work.	Unfunded/ Requested	Regardless of origin, at least one (or more) likely money source to perform this activity has been IDENTIFIED and staff is in the process of gaining access to funds either through grant proposals, budget processes, new or changed fees or taxes, etc.	Partner	Co-Leader, Task Manager, Phase Manager, Team Member, Planning Committee member, Steering Committee Member
Underway	ALL phases of active work before completion fall in this category, i.e. at project kickoff, early implementation, draft reports, final phases.	Unfunded/ Uncertain	The funding source(s) to perform this activity has not yet been found, although work to explore and identify possible sources could be in progress. This category also applies to situations for which no funding source has been identified or is being currently pursued.	Sponsor	Funder, Grantor, Donor, Promoter
Completed	The particular project or action has been completed whether the action was a one-time event, a study, or an activity. Any final reports, invoicing or documentation are filed or submitted.			Supporter	Data Source or Supplier, Data Exchange/Clearinghouse, Data Storage Repository, Technology or Communications Support
				Stakeholder	Technical Advisor; Policy Advisor; Outside Reviewer; Coach; Beneficiary; End User

Appendix A 1

Goal	Proposed Action	Ref Id	Potential Activities or Projects	Implementation Status	Funding Status	Primary Agency	County Role	Other County Agency(ies)	Outside Partner(s)
CP1. Establish a first class comprehensive warning program with innovative technology and state of the art situational awareness	**CP1.1** Develop a warning system that communicates alerts over many communication systems and to individuals with disabilities and others with access and functional needs, including individuals with limited English proficiency or non-English speaking. Conduct trainings and tests of the system	CP 1.1							
		CP 1.1.1	Review and consider Incorporating California Office of Emergency Services public warning recommendations into County emergency operations plans, policies, and procedures.	Completed	Funded	Emergency Management	Lead		State Agencies Cities & Communities First Responders' Jurisdictions
		CP 1.1.2	Coordinate alert and warning systems over multiple communication systems, to include platforms that utilize opt-out systems	Underway	Funded	Emergency Management	Partner	ISD Sheriff	Cities & Communities First Responders' Jurisdictions
		CP 1.1.3	Collaborate on roles and responsibilities among emergency managers and first responders on warning systems and for issuing any warnings	Underway	Funded	Emergency Management	Partner	Sheriff	Cities & Communities First Responders' Jurisdictions
		CP 1.1.4	Develop a public outreach campaign to inform the public on warning expectations and what alert systems are available	Underway	Funded	Emergency Management	Lead	CAO ISD	Cities & Communities First Responders' Jurisdictions
		CP 1.1.5	Assist in training alert operators and personnel at dispatch centers and emergency operation centers to compose effective emergency alert messages and transmit them using available systems	Scoping	Unfunded/ Uncertain	Emergency Management	Lead	Sheriff	REDCOM Cities & Communities
		CP 1.1.6	Develop pre-scripted and "fill-in-the-blank" message templates and operational procedures for common, protective actions (i.e., prepare to evacuate, area re-entry, shelter-in-place, etc.)	Completed	Funded	Emergency Management	Lead	Sheriff ISD	REDCOMM Cities & Communities
		CP 1.1.7	Conduct community warning assessments	Underway	Funded	Emergency Management	Lead	ISD	Cities & Communities First Responders' jurisdictions
		CP 1.1.8	Ensure all warnings, outreach, templates, etc. cross all sensory, language and cultural barriers to reach all residents and visitors in Sonoma County, including individuals with disabilities and others with access and functional needs	Underway	Funded	Emergency Management	Lead		
		CP 1.1.9	Consider bull horns, and different siren tones on police cars as a localized auditory warning component	Underway	Unfunded/ Uncertain	Sheriff	Lead	Emergency Management	Cities & Communities First Responders' jurisdictions
		CP 1.1.10	Research the use of sirens or other auditory alert in areas of the County with limited or no cell service	Underway	Funded	Emergency Management	Lead	Sheriff	Cities & Communities First Responders' jurisdictions
		CP 1.1.11	Have Nixle and SoCo Alert sign-ups available at all County community meetings and work with organizations in the County to spread the message	Underway	Funded	CAO	Supporter	All departments	Cities & Communities First Responders' jurisdictions
	CP1.2 Establish an on-line portal that consolidates critical first responders' and community partner information that is accessible to all community partners ("common operating picture")	CP 1.2							

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Goal	Proposed Action	Ref Id	Potential Activities or Projects	Implementation Status	Funding Status	Primary Agency	County Role	Other County Agency(ies)	Outside Partner(s)
		CP 1.2.1	Working with emergency managers and first responders, identify what situational information is needed, standardize verbiage and procedures, and determine how that information would be displayed	Scoping	Funded	Emergency Management	Lead	Sheriff Permit Sonoma SCWA	Cities & Communities First Responders' jurisdictions
		CP 1.2.2	Research, analyze and purchase available computer-based software to serve as the single repository for information.	Researching	Unfunded/ Uncertain	Emergency Management	Lead	ISD General Services	
		CP 1.2.3	Identify innovative methods and assess integrating real-time information from residents and communities to provide information to a common operating picture	Scoping	Unfunded/ Uncertain	Emergency Management	Lead	ISD	Cities & Communities First Responders' jurisdictions
		CP 1.2.4	Develop and conduct trainings and drills for all system activators	Scoping	Unfunded/ Uncertain	Emergency Management	Lead	ISD Sheriff	Cities & Communities First Responders' jurisdictions
		CP 1.2.5	Support the installation of fire cameras, weather stations, and seismic monitoring equipment in strategic County locations in support of a common operating picture	Underway	Funded	Emergency Management	Stakeholder	ISD General Services SCWA	Cities & Communities First Responders' jurisdictions
		CP 1.2.6	Integrate all sensors and monitoring data into the common operating picture (seismic, stream gauges, fire cameras, weather radar, Red Flag Warnings).	Scoping	Unfunded/ Uncertain	Emergency Management	Stakeholder	ISD General Services SCWA	Cities & Communities First Responders' jurisdictions
	CP1.3 Develop protocols and partnerships for communicating critical information to elected officials, government and community leaders, and the public during a disaster so they are fully informed, to include individuals with disabilities and others with access and functional needs, including individuals with limited English proficiency or non-English speaking	CP 1.3							
		CP 1.3.1	Identify critical information requirements of elected and senior appointed management officials for disasters and emergencies	Completed	Funded	Emergency Management	Lead	CAO, BOS	Cities & Communities First Responders' Jurisdictions
		CP 1.3.2	Develop processes and procedures that coordinate information with elected officials throughout the disaster or emergency response	Completed	Funded	Emergency Management	Partner	CAO, BOS	Cities & Communities First Responders' Jurisdictions
		CP 1.3.3	Develop protocols for dissemination of information during an emergency through all available media sources (newspaper, radio, social media, etc.), to ensure that messages are coordinated, accurate, and available in multiple languages	Scoping	Funded	Emergency Management	Partner	CAO	Cities & Communities First Responders' Jurisdictions Media sources
		CP 1.3.4	Research, and implement where possible, the assignment of Spanish speaking first responders to areas heavily impacted by a disaster, including rapid evacuations	Scoping	Funded	Emergency Management	Supporter	Sheriff	Cities & Communities First Responders' Jurisdictions

Goal	Proposed Action	Ref Id	Potential Activities or Projects	Implementation Status	Funding Status	Primary Agency	County Role	Other County Agency(ies)	Outside Partner(s)
CP2. Meet future challenges by redesigning the County Emergency Management Program, providing additional resources, enhancing external funding capabilities, and recommitting to the County's public safety missions	**CP2.1** Assess and update overall County emergency procedures, programs, organization, authorities, infrastructure, staffing, equipping, and processes to determine structural changes that would best fit the capacity and needs of the County in a future disaster								
		CP 2.1.1	Review and possibly expand the Auxiliary Communications Service volunteer program	Scoping	Funded	Emergency Management	Lead		Cities & Communities First Responders' Jurisdictions
		CP 2.1.2	Review and possibly expand the Medical Reserve Corp volunteer program	Scoping	Unfunded/ Uncertain	DHS	Lead		Cities & Communities First Responders' Jurisdictions
		CP 2.1.3	Assess and overhaul/build new Emergency Operations Center	Researching	Unfunded/ Uncertain	Emergency Management	Stakeholder	CAO ISD	Cities & Communities First Responders' Jurisdictions
	CP2.2 Assess and review administrative and functional placement of the Emergency Management Program to inform any recommended changes to the County Emergency Management Operations	CP 2.2							
		CP 2.2.1	Evaluate existing systems and interface capacities of mutual aid partners and develop an integrated and comprehensive system that supports both local and mutual-aid response	Scoping	Unfunded/ Uncertain	Emergency Management	Partner	Sheriff	Cities & Communities First Responders' Jurisdictions Nonprofit/For-Profit Organizations
		CP 2.2.2	Research sustained funding methods for all new or expanded emergency services	Underway	Funded	Emergency Management	Lead	CAO	
		CP 2.2.3	Review and revise the County's Emergency Management Memorandum of Understanding with stakeholder agencies/jurisdictions	Scoping	Unfunded/ Uncertain	Emergency Management	Partner	All affected departments	Cities & Communities First Responders' Jurisdictions Nonprofit/For-Profit Organizations
	CP2.3 Expand trainings and drills for countywide emergency managers, mutual aid partners, elected officials, and County staff	CP 2.3							
		CP 2.3.1	Develop a public information and warning systems training program for County officials, Emergency Operations Center personnel, including appropriate authorizations to issue evacuation orders	Underway	Funded	Emergency Management	Lead	CAO ISD Sheriff	Cities & Communities First Responders' Jurisdictions
		CP 2.3.2	Strengthen collaboration with the Mutual Aid Regional Advisory Committee to ensure effective and efficient support to local response to a disaster.	Underway	Funded	Emergency Management	Partner	CAO	Cities & Communities First Responders' Jurisdictions
		CP 2.3.3	Revise County staff emergency management training plan and professional development	Underway	Funded	Emergency Management	Lead	All departments	

Goal	Proposed Action	Ref Id	Potential Activities or Projects	Implementation Status	Funding Status	Primary Agency	County Role	Other County Agency(ies)	Outside Partner(s)
		CP 2.3.4	Collaborate with Mutual Aid and operational area partners to design, develop and conduct training exercises that evaluate communications and response systems	Scoping	Unfunded/ Uncertain	Emergency Management	Stakeholder	Sheriff	Cities & Communities First Responders' Jurisdictions
		CP 2.3.5	Conduct Incident Command System training and drills, workshops, table top and functional exercises	Underway	Funded	Emergency Management	Sponsor	Sheriff	Cities & Communities First Responders' Jurisdictions
		CP 2.3.6	Research cross training for other jurisdictions' to work in others EOC	Researching	Funded	Emergency Management	Partner		Cities & Communities First Responders' Jurisdictions
CP2.4 Increase the County's capacity and capability to pursue and manage available grants and external funding opportunities related to disaster recovery, emergency preparedness, hazard mitigation, resiliency and homeland security		CP 2.4							
		CP 2.4.1	Complete and close-out the DR-4344 FEMA Public Assistance Project Worksheets, maintaining federal funding compliance at all levels, and maximizing reimbursement as well as hazard mitigation inclusion in the Project Worksheets.	Underway	Funded	ACTTC	Lead	CAO TPW Sheriff General Services County Counsel	
		CP 2.4.2	Create charter document for the Disaster Finance Team to formalize its structure, mission, roles, and authorities.	Scoping	Funded	ACTTC	Lead	CAO	
		CP 2.4.3	Pursue recovery and resiliency external funding opportunities to achieve County strategic priorities	Underway	Funded	CAO	Lead	Grant Steering Committee All departments	
		CP 2.4.4	Enhance grant pursuit, implementation, and compliance capabilities across County departments	Underway	Funded	CAO	Lead	Grant Steering Committee All departments	
		CP 2.4.5	Create strategic planning documents for the CAO grants function, and Grants Steering Committee, to formalize structure, mission, goals, scope, functions, and authorities.	Researching	Funded	CAO	Lead	Grant Steering Committee All departments	
		CP 2.4.6	Create grant tracking procedures and systems that enable centralized information and analysis of County funds committed, costs of grant pursuit activities, return on investment, active awarded grants	Researching	Unfunded/ Uncertain	CAO	Lead	All departments	
		CP 2.4.7	Successfully implement all awarded applications, maintaining compliance with funding requirements through all grant phases	Scoping	Unfunded/ Requested	CAO	Lead	All departments	Cities & Communities
		CP 2.4.8	Build resource library of external funding sources for Countywide recovery operations, including funding source information and compliance policies.	Researching	Funded	CAO	Lead	ACTTC General Services	Cities & Communities First Responders' Jurisdictions
		CP 2.4.9	Digitize historic payroll documents currently stored on microfiche	Scoping	Unfunded/ Uncertain	ACTTC	Lead		
		CP 2.4.10	Engage qualified national consulting firm to assist and position County to receive maximum Federal and State disaster recovery funds	Completed	Funded	CAO	Lead	CDC County Counsel	

Goal	Proposed Action	Ref Id	Potential Activities or Projects	Implementation Status	Funding Status	Primary Agency	County Role	Other County Agency(ies)	Outside Partner(s)
		CP 2.4.11	Manage, coordinate, and oversee CDBG-DR funding opportunities, maintaining federal funding compliance at all levels	Underway	Funded	CDC	Lead	CAO	
		CP 2.4.12	Conduct regular federal procurement trainings with departments to build federal procurement capabilities	Researching	Funded	General Services	Partner	CAO County Counsel All departments	
		CP 2.4.13	Create County procurement policies and procedures that meet federal procurement requirements	Underway	Funded	General Services	Lead	CAO County Counsel All departments	Cities & Communities First Responders' Jurisdictions
	CP2.5 Review Sonoma County Operational Area Emergency Council	CP 2.5							
		CP 2.5.1	Evaluate the role of the Sonoma County Operational Area Emergency Council and determine the appropriate regional structure or entity to enhance countywide emergency services and preparedness	Underway	Funded	Emergency Management	Lead	CAO, BOS	Cities & Communities First Responders' Jurisdictions
CP3. Lead, support and train community liaisons to build and sustain individual and neighborhood preparedness, to include individuals with disabilities and others with access and functional needs, and individuals with limited English proficiency or non-English speaking	**CP3.1** Collaborate with volunteer, non-profit and private organizations to establish community working groups to serve as community and neighborhood liaisons	CP 3.1							
		CP 3.1.1	Collaborate with volunteer, non-profit and private organizations to establish community working groups to develop a Community Preparedness and Outreach Plan	Researching	Funded	Emergency Management	Sponsor		Cities & Communities First Responders' Jurisdictions Nonprofit/For-Profit Groups Neighborhood
		CP 3.1.2	Review all neighborhood programs (COPE, Get Ready, Next Door) when preparing a program, and where possible collaborate with existing preparedness programs (Red Cross Home Fire Campaign, etc.)	Researching	Funded	Emergency Management	Lead		Cities & Communities First Responders' Jurisdictions
		CP 3.1.3	Use the Federal Emergency Management Agency Threat and Hazards Identification and Risk Assessments process to assess risk within the County to inform the Community Preparedness and Outreach Plan	Researching	Funded	Emergency Management	Sponsor		Federal Agencies Cities & Communities First Responders' Jurisdictions
		CP 3.1.4	Strengthen collaboration with Volunteer Organizations Active in Disaster (VOAD) and Rebuilding Our Community Sonoma County (ROC) and other volunteer, non-profit and private organizations in the Community Preparedness and Outreach Plan and Hazardous Materials Plan	Researching	Funded	Emergency Management	Partner	All departments	Cities & Communities First Responders' Jurisdictions
		CP 3.1.5	Develop and sponsor an annual countywide family-friendly "Disaster Preparedness Day" concept, with resource information and possible interactive demonstrations	Researching	Unfunded/ Uncertain	CAO/BOS	Lead		Cities & Communities First Responders' Jurisdictions Nonprofit/For-Profit Organizations

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Goal	Proposed Action	Ref Id	Potential Activities or Projects	Implementation Status	Funding Status	Primary Agency	County Role	Other County Agency(ies)	Outside Partner(s)
		CP 3.1.6	Identify and collaborate with individuals and/or organizations to assume continuation of the local community preparedness plan and exercise drills	Researching	Funded	Emergency Management	Partner	CAO	Other jurisdictions, community groups
	CP3.2 Work with community/neighborhood liaisons to identify hazards, risks, mitigation strategies, including evacuation routes	CP 3.2							
		CP 3.2.1	Develop material to be used regarding preparedness and compile resources available (i.e., speakers, plan templates, etc.)	Researching	Funded	Emergency Management	Lead		Other jurisdictions, community groups
		CP 3.2.2	Convene workshops of localized community partners and train leaders to identify threats and preparedness options	Researching	Funded	Emergency Management	Lead		Cities & Communities First Responders' Jurisdictions
		CP 3.2.3	Promote safety committees within communities	Researching	Funded	Emergency Management	Supporter		Cities & Communities First Responders' Jurisdictions
		CP 3.2.4	Identify particular risks, obstacles and mitigation measures related to preparedness across individuals with disabilities and others with access and functional needs	Researching	Funded	Emergency Management	Partner		Cities & Communities First Responders' Jurisdictions
		CP 3.2.5	Research feasibility of contracting with organizations to transport to shelters those people unable to drive or without access to a vehicle	Researching	Funded	Emergency Management	Lead		Cities & Communities First Responders' Jurisdictions Nonprofit/For-Profit Organizations
		CP 3.2.6	Develop a web site which will contain information for residents during an evacuation (threats, exit routes, shelter locations, etc.)	Completed	Funded	ISD	Lead	Emergency Management CAO	Cities & Communities First Responders' Jurisdictions
		CP 3.2.7	Where feasible, include traffic management strategies for evacuations	Researching	Funded	Emergency Management	Lead	ISD TPW Emergency Management	Cities & Communities First Responders' Jurisdictions
		CP 3.2.8	Explore the use of emergency preparedness curriculum in classrooms and other youth group organizations	Researching	Funded	Emergency Management	Lead		Educational/Research Cities & Communities First Responders' Jurisdictions
		CP 3.2.9	Prepare household pre-emergency and emergency packets (templates), to include information a resident will need in the event of an evacuation (e.g., home inventory, identifying paperwork, etc.)	Researching	Funded	Emergency Management	Lead		Cities & Communities First Responders' Jurisdictions
		CP 3.2.10	Develop educational information and training curriculum around personal emergency preparedness for individuals to be knowledgable on how to be on their own for several days after a major disaster	Researching	Funded	Emergency Management	Lead		Cities & Communities First Responders' Jurisdictions
		CP 3.2.11	Working with communities, identify needs to better organize and strengthen their assets and capacities to build partnerships and promote collaboration and information sharing at all levels.	Researching	Funded	Emergency Management	Partner	ISD	Cities & Communities First Responders' Jurisdictions

Appendix A 7

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Goal	Proposed Action	Ref Id	Potential Activities or Projects	Implementation Status	Funding Status	Primary Agency	County Role	Other County Agency(ies)	Outside Partner(s)
		CP 3.2.12	Working with remote communities, research preparing maps of where residents live to assist first responders and individual neighborhood preparedness	Researching	Unfunded/ Uncertain	Emergency Management	Lead	ISD	Cities & Communities First Responders' Jurisdictions
	CP3.3 Develop community response team programs	CP 3.3							
		CP 3.3.1	Evaluate the role, effectiveness and localized need for County CERT programs, Auxiliary Communications Services, Medical Reserve Corp., and any other program that allows individuals and/or organizations to be pre-approved and trained to assist the County during and in the aftermath of a disaster or emergency	Scoping	Funded	Emergency Management	Partner		
		CP 3.3.2	Establish and publicize a community response team program	Researching	Funded	Emergency Management	Lead		
		CP 3.3.3	Engage with FEMA and Cal OES for funding and training for a model CERT program countywide	Scoping	Funded	Emergency Management	Lead	CAO	FEMA, CalOES
		CP 3.3.4	Establish Community Emergency Responder Trainings countywide.	Researching	Unfunded/ Uncertain	Emergency Management	Partner		Cities & Communities First Responders' Jurisdictions
	CP3.4 Update the County fire ordinance to enhance the Vegetation Management Program with incentives, inspection and abatement protocols, and appropriate funding	CP 3.4							
		CP 3.4.1	Develop an expanded vegetation management County ordinance that improves resiliency of at-risk residents and properties, including those subject to Homeowners Associations' Covenants, Conditions & Restrictions.	Researching	Funded	Permit Sonoma	Lead		Cities & Communities First Responders' Jurisdictions
		CP 3.4.2	Improve cycle time for weed abatement process	Researching	Unfunded/ Uncertain	Permit Sonoma	Lead		First responders' jurisdictions
		CP 3.4.3	Improve enforcement of Public Resources Code section 4291: 'for defensible space maintenance' and Sonoma County Code 13A.	Researching	Unfunded/ Uncertain	Permit Sonoma	Lead		State Agencies Cities & Communities First Responders' Jurisdictions
		CP 3.4.4	Research feasibility of requiring compliance with required defensible space and vegetation management practices at time of real estate transactions, remodels or upgrades	Researching	Funded	Permit Sonoma	Lead	PRMD	Cities & Communities First Responders' Jurisdictions
		CP 3.4.5	Encourage and help facilitate hazardous vegetation removal on private lots and small parcels to increase defensible space and improve emergency access, including expanded landowner participation in Cal Fire Vegetation Management Program	Researching	Unfunded/ Uncertain	Permit Sonoma	Lead	TPW	State Agencies Cities & Communities First Responders' Jurisdictions
		CP 3.4.6	Improve guidance for effective defensible space that also considers drought, erosion control, biologic resources, and low impact development	Researching	Funded	Permit Sonoma	Lead	SCWA	Cities & Communities First Responders' Jurisdictions

Goal	Proposed Action	Ref Id	Potential Activities or Projects	Implementation Status	Funding Status	Primary Agency	County Role	Other County Agency(ies)	Outside Partner(s)
		CP 3.4.7	Develop strategies that assist private lot and small parcel property owners with selective removal of vegetation damaged by fires.	Researching	Funded	Permit Sonoma	Lead	TPW	Cities & Communities First Responders' Jurisdictions
		CP 3.4.8	Develop and distribute landscaping information and templates that supports creating and maintaining fire-safe and sustainable landscapes in the wildland-urban interface (to be distributed in permitting process)	Underway	Funded	Permit Sonoma	Lead	Permit Sonoma UCCE SCWA	Cities & Communities First Responders' Jurisdictions
		CP 3.4.9	Expand chipper program	Researching	Unfunded/ Uncertain	Permit Sonoma	Lead		First responders' jurisdictions
		CP 3.4.10	Revisit rules regarding fires at campgrounds during fire season	Researching	Funded	Regional Parks	Lead	Permit Sonoma	Cities & Communities First Responders' Jurisdictions
		CP 3.4.11	Apply for funding for education and incentives for Safe and Resilient Sonoma County, to harden structures and create defensible space to reduce the risk of fire damage in identified vulnerable locations throughout County WUI	Scoping	Funded	Permit Sonoma	Lead		Cities & Communities First Responders' Jurisdictions
	CP3.5 Develop disaster preparedness protocols for pets and livestock safety	CP 3.5							
		CP 3.5.1	Develop realistic, achievable and sustainable protocols for community members to be trained as disaster animal worker resources who can be mobilized during an emergency	Scoping	Unfunded/ Uncertain	UCCE	Partner	Health Emergency Management	Other jurisdictions, community groups
		CP 3.5.2	Develop an Agriculture Disaster Animal Entry Permit that provides protection of equine, livestock, poultry and livestock feed assets	Underway	Funded	UCCE	Lead	Health Emergency Management	Cities & Communities First Responders' Jurisdictions Nonprofit/For-Profit Organizations
		CP 3.5.3	Complete the Animals in Disaster Response Plan, an Annex to the Emergency Operations Plan	Underway	Funded	Health	Lead	UCCE Emergency Management	Cities & Communities First Responders' Jurisdictions Nonprofit/For-Profit Organizations
CP4. Make County government more adaptable to provide continued services in disasters through comprehensive planning, a more empowered workforce, and improved facilities and technology	**CP4.1** Identify essential infrastructure, services and resources necessary during a disaster and, to the extent possible, have agreements in place	CP 4.1							
		CP 4.1.1	Establish priorities for essential services and critical business operations during and after a disaster or multi-hazard event.	Underway	Funded	Emergency Management	Lead	All Departments	Cities & Communities First Responders' Jurisdictions
		CP 4.1.2	Identify and work with culturally-competent local service providers to assist on front line immediately following a disaster in a Local Assistance Center, ensuring access to non-English speaking and/or undocumented residents (i.e., Undocufund, Grantmakers Concerned with Immigrant and Refugee Rights, Sonoma County Secure Families Immigrant Defense Collaborative)	Researching	Unfunded/ Uncertain	CAO	Lead	Health Human Emergency Management	Cities & Communities

Goal	Proposed Action	Ref Id	Potential Activities or Projects	Implementation Status	Funding Status	Primary Agency	County Role	Other County Agency(ies)	Outside Partner(s)
		CP 4.1.3	Identify and utilize County Disaster Workers who are multi-lingual and contracted language providers to communicate with the community, including undocumented residents, for official communications and at shelters, call centers, local assistance centers, etc.	Researching	Funded	Emergency Management	Lead	HR, CAO	
		CP 4.1.4	Look for sister organizations in other jurisdictions that could be used on an on-call-basis in a disaster to ensure effective and efficient response	Researching	Funded	Health/Human	Lead	Emergency Management	Cities & Communities Nonprofit/For-Profit Organizations
		CP 4.1.5	Develop a long term funding strategy for Rebuilding our Community (ROC) to assist community members throughout the recovery process	Researching	Funded	CAO	Lead	Emergency Management	Cities & Communities First Responders' Jurisdictions Nonprofit Organizations
		CP 4.1.6	Identify tasks and functions and/or resources that could be performed by non-governmental CBOs, FBO and volunteer organizations and provide relevant training	Researching	Unfunded/ Uncertain	Emergency Management	Partner	TPW Sheriff	Cities & Communities First Responders' Jurisdictions Nonprofit/For-Profit Organizations
		CP 4.1.7	Apply for funding to retrofit Petaluma Veterans Hall for seismic stability and possible use as a shelter	Completed	Funded	General Services	Lead		
		CP 4.1.8	Apply for funding for seismic strengthening and retrofit of existing structures in vulnerable locations throughout the County	Completed	Funded	General Services	Lead		
		CP 4.1.9	Rebid contracts with FEMA required language included (based on prioritization for most frequently used disaster support goods/services or upon termination for less essential goods/services	Scoping	Funded	General Services	Lead		
		CP 4.1.10	Maintain updated procurement binder with available contractors/agencies/volunteer organizations; to include current contingency contracts	Scoping	Funded	TPW	Lead	General Services Emergency Management	All outside organizations affected
	CP4.2 Pre-stage critical resources at strategic, designated sites throughout the County	CP 4.2							
		CP 4.2.1	Review and assess resources that could be strategically placed in sites throughout the County for better response in a disaster	Scoping	Unfunded/ Requested	TPW	Lead	All departments	Cities & Communities First Responders' Jurisdictions Nonprofit/For-Profit Organizations
		CP 4.2.2	Assess and identify Parks maintenance yards (County center, Healdsburg, Tolay, Spring Lake, Doran, Stillwater Cove, etc.) for essential critical equipment that would be used in an emergency; research funding for same	Scoping	Funded	Parks	Lead		Other jurisdictions, community groups
	CP4.3 Update the County's Continuity of Operations Plan (COOP) assuming that County will need to function effectively and independently (without state or federal resources) for at least 72 hours	CP 4.3							
		CP 4.3.1	Maintain updated roster of county "emergency essential personnel and services" and county departments' "business resumption plans" for use during high threat situations.	Underway	Funded	CAO	Lead	All departments	

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Goal	Proposed Action	Ref Id	Potential Activities or Projects	Implementation Status	Funding Status	Primary Agency	County Role	Other County Agency(ies)	Outside Partner(s)
		CP 4.3.2	Establish effective Continuity of Government and Continuity of Operations programs.	Underway	Funded	CAO	Partner	All departments	
	CP4.4 Protect information, data, and communication infrastructure	CP 4.4							
		CP 4.4.1	Identify primary County technology infrastructure, business systems, and critical facilities needed to support the essential services and critical business operations and implement specific protective measures	Underway	Unfunded/ Requested	ISD	Lead	All departments	
		CP 4.4.2	Identify community infrastructure and utility services that are essential to the operation of the County technology infrastructure and systems and implement specific protective measures	Underway	Unfunded/ Requested	ISD	Lead	CAO General Services	
		CP 4.4.3	Assess risks and hazards that currently exist in the County technology infrastructure and community infrastructure and utilities	Scoping	Unfunded/ Requested	ISD	Partner		
		CP 4.4.4	Prioritize technology infrastructure modernization projects (both County and Community) that directly relate to mitigating risks for points of failure that affect accessibility and scalability of critical business systems.	Scoping	Unfunded/ Requested	ISD	Lead	All departments	Cities & Communities First Responders' Jurisdictions
		CP 4.4.5	Apply for funding for a stand-alone generator for County of Sonoma's datacenter to ensure mission critical systems (911 and computer aided dispatch communications) have auxiliary power	Completed	Funded	ISD	Lead	CAO General Services	
		CP 4.4.6	Ensure County information is securely backed up offsite	Completed	Funded	ISD	Lead		
		CP 4.4.7	Enhance EOC information systems capacity to handle a large scale County disaster	Scoping	Unfunded/ Requested	ISD	Partner		
	CP4.5 Work with federal, state, local, tribal, community and/or private partners to identify, assess, and modify or repair essential transportation infrastructure for critical County response	CP 4.5							
		CP 4.5.1	Identify and assess essential transportation infrastructure necessary in a response and modify, repair, and/or maintain.	Underway	Funded	TPW	Lead		Cities & Communities First Responders' Jurisdictions
		CP 4.5.2	Assist with mapping and prioritization of vulnerable hillslopes in the burned areas that require specific rehabilitation or restoration efforts.	Researching	Unfunded/ Uncertain	TPW	Partner		Cities & Communities First Responders' Jurisdictions
		CP 4.5.3	Apply for funding for culvert improvements to reduce flooding (Drake Rd., Guerneville and Roberts Rd., Penngrove)	Completed	Funded	TPW	Lead		
		CP 4.5.4	Apply for funding for bank stabilization to protect River Road using primarily natural materials in order to protect a vital transportation link, as well as residences and agricultural land	Completed	Funded	TPW	Lead		
		CP 4.5.5	Apply for funding to purchase and install onsite generator for the Sonoma County Santa Rosa Road maintenance yard to prevent risk of service interruption of disaster response	Completed	Funded	TPW	Lead		

Goal	Proposed Action	Ref Id	Potential Activities or Projects	Implementation Status	Funding Status	Primary Agency	County Role	Other County Agency(ies)	Outside Partner(s)
	CP 4.6 Work with private utility providers for solutions to hardening infrastructure and coping with destroyed utilities in a disaster	CP 4.6							
		CP 4.6.1	Collaborate with other jurisdictions in the County about response to any de-energization by PG&E	Underway	Funded	Emergency Management	Partner		Cities & Communities First Responders' Jurisdictions Utilities
		CP 4.6.2	Work with PG&E to determine feasibility of conducting de-energization trainings and drills prior to a disaster	Researching	Funded	Emergency Management	Lead		Cities & Communities First Responders' Jurisdictions Utilities
		CP 4.6.3	Work collaboratively with PG&E to leverage vegetation management practices and implementation as its vegetation management practices are expanded based on the California Public Utilities Commission's High Fire-Thread District map and resulting regulations	Researching	Unfunded/ Uncertain	TPW	Partner	Permit Sonoma	Cities & Communities First Responders' Jurisdictions Utilities
		CP 4.6.4	Encourage local energy systems and microgrids and seek to obtain funding	Researching	Unfunded/ Uncertain	TBD	Supporter		Cities & Communities First Responders' Jurisdictions
		CP 4.6.5	Collaborate with private utility companies to define how back-up communication services can be provided if infrastructure is damaged during a disaster event	Researching	Funded	Emergency Management	Partner		Cities & Communities First Responders' Jurisdictions Telephone carriers
		CP 4.6.6	Consider mandatory underground utilities for newly constructed neighborhoods and commercial properties.	Researching	Unfunded/ Uncertain	Permit Sonoma	Supporter	General Services	Cities & Communities First Responders' Jurisdictions Utility companies
		CP 4.6.7	Advocate for utility companies undergrounding electrical lines on all properties	Researching	Unfunded/ Uncertain	CAO	Supporter	Permit Sonoma General Services	Cities & Communities First Responders' Jurisdictions Utility companies
		CP 4.6.8	Advocate for state and federal funding for undergrounding of utilities	Underway	Funded	CAO	Lead		
		CP 4.6.9	Advocate for and possibly establish a "Dig Once" policy	Underway	Unfunded/ Uncertain	TPW	Supporter	EDB Permit Sonoma CAO	

Community Preparedness Infrastructure

Goal	Proposed Action	Ref ID	Potential Activities or Projects	Implementation Status	Funding Status	Primary Agency	County Role	Other County Agency(ies)
H1: Attract new and expanded sources of capital to incentivize the creation of housing for all income levels	**H1.1** Form a Renewal Enterprise District (RED) as a Joint Powers Authority (JPA) to ensure coordination and facilitate pooled financing that supports a regional, shared housing vision	H 1.1						
		H 1.1.1	Execute Joint Powers Authority Agreement with the City of Santa Rosa as a two-year pilot. Coordinate funding and financing strategies with all municipalities seeking to encourage affordable housing. Pursue legislation to enhance effectiveness of RED JPA and garner State financial support.	Underway	Funded	CDC	Partner	County Counsel, CAO
		H 1.1.2	Engage developers to discern true capital needs and tailor available County and City funds to promote quality projects.	Underway	Funded	CDC	Partner	Permit Sonoma
		H 1.1.3	Secured $250,000 capacity building funding from Tipping Point to enhance the effectiveness of the County's Community Development Commission	Complete	Funded	CDC	Partner	
		H 1.1.4	Secured $1,000,000 start-up funding from Hewlett Foundation for RED JPA	Complete	Funded	CDC	Partner	
		H 1.1.5	Received targeted disaster waivers from US Department of Housing and Urban Development that increased flexibility for various housing assistance programs administered by CDC	Complete	Funded	CDC	Lead	
	H1.2 Engage financial institutions to develop new, more targeted debt and equity projects	H 1.2						
		H 1.2.1	Continue to convene an array of institutions to develop new capital structures that mitigate financing risks and incentive quality projects.	Underway	Funded	CDC	Lead	County Counsel
		H 1.2.2	Join the California Public Finance Authority JPA and utilize its available financing tools	Researching	Unfunded/Requested	CDC	Lead	County Counsel
		H 1.2.3	Develop financing tool for ADU's	Underway	Unfunded/Requested	CDC	Supporter	Permit Sonoma
		H 1.2.4	Support Federal Reserve Bank of San Francisco's convening of lenders/financial institutions with the goal of increasing availability of capital for housing development	Complete	Funded	CDC	Supporter	
	H1.3 Secure the maximum amount of federal and state affordable housing funds	H 1.3						
		H 1.3.1	Support California Housing and Community Development Department's Unmet Needs Analysis and Action Plan for deployment of CDBG-DR	Underway	Funded	CDC	Supporter	CAO

Recovery and Resiliency Framework Potential Actions List - HOUSING

Goal	Proposed Action	Ref ID	Potential Activities or Projects	Implementation Status	Funding Status	Primary Agency	County Role	Other County Agency(ies)
		H 1.3.2	Support passage of local and state housing bonds	Complete	Funded	BOS	Supporter	
		H 1.3.3	Deepen relationships with all relevant State agencies, including CalHFA, Strategic Growth Council, Tax Credit Allocating Committee	Underway	Funded	CDC	Lead	CAO
		H 1.3.4	Conduct a robust Assessment of Fair Housing to document needs and opportunities, and ensure findings and recommended actions are incorporated into housing plans going forward	Scoping	Unfunded/Requested	CDC	Lead	County Counsel
		H 1.3.5	Utilize qualified national consulting firm to assist and position the County to receive CDBG-DR funds, and strategically utilize for unmet needs	Complete	Funded	CDC	Partner	CAO, County Counsel
	H1.4 Engage the business community to consider options for employers to support and invest in new housing	H 1.4						
		H 1.4.1	Assist EDB and Santa Rosa Metro Chamber to organize an Employer Housing Council, as called for in the Strategic Sonoma plan	Researching	Funded	EDB	Partner	CDC, CAO
H2: Increase regulatory certainty by changing the County's business model and actively seek opportunities to deepen regional cooperation	H2.1 Identify potential changes to land use regulations, processes and procedures that could reduce the time to complete processes, decrease uncertainty in the approval process and reduce the cost of housing development, including fire recovery permits	H 2.1						
		H 2.1.1	Evaluate and bring forward for consideration multi-family standards, workforce housing combining zone standards near jobs, and other housing initiatives	Researching	Funded	Permit Sonoma	Lead	
		H 2.1.2	Collaborate and advocate on land use planning issues related to housing production, including General Plan update and for an environmentally appropriate and effective conservation and mitigation strategy update.	Researching	Unfunded/Requested	Permit Sonoma	Partner	CAO
		H 2.1.3	Continue to identify areas to address fire recovery regulatory changes related to increasing regulatory certainty, structure resiliency, and other, yet to be identified opportunities.	Researching	Funded	Permit Sonoma	Lead	CAO
		H 2.1.4	Increased the allowable residential floor area in mixed-use projects from 50 percent to 80 percent	Complete	Funded	Permit Sonoma	Lead	
		H 2.1.5	Shifted collection of affordable housing fees until near occupancy, rather than at permitting	Complete	Funded	Permit Sonoma	Lead	
		H 2.1.6	Allowed small single room occupancy (SRO) projects as a permitted use and removed the existing 30-room limit for larger SRO projects	Complete	Funded	Permit Sonoma	Lead	

Goal	Proposed Action	Ref ID	Potential Activities or Projects	Implementation Status	Funding Status	Primary Agency	County Role	Other County Agency(ies)
		H 2.1.7	Allowed transitional and supportive housing in all zoning districts that allow single-family dwellings	Complete	Funded	Permit Sonoma	Lead	
		H 2.1.8	Analyzed roughly 16,000 possible housing units in the development pipeline countywide. Current analysis has been to identified high level status of projects to help determine those projects furthest along in the process. Further analysis is needed on a case by case basis with the developer and local jurisdiction as opportunities to participate are identified.	Underway	Funded	Permit Sonoma	Partner	
		H 2.1.9	Consider opportunities for modernization and standardization of permitting to make it easier for developers to submit applications countywide	Researching	Unfunded/Uncertain	Permit Sonoma	Stakeholder	CAO
		H 2.1.10	Review higher density development opportunities within Urban Service Areas near jobs and transit, as provided in the General Plan, by considering a workforce housing combining zone district(s)	Researching	Unfunded/Requested	Permit Sonoma	Lead	
		H 2.1.11	Update Specific Plans, fee studies, and other planning documents to support meeting regional housing needs	Scoping	Unfunded/Requested	Permit Sonoma	Lead	
		H 2.1.12	Inform the General Plan Update process regarding issues related to respond to regional housing needs, hazard mitigation, and resiliency	Scoping	Unfunded/Requested	Permit Sonoma	Lead	CAO
		H 2.1.13	Develop for consideration additional housing initiatives that may become apparent after the current round of initiatives have been implemented; on-going cycles of regulatory updates allows the regulations to evolve with the needs and desires of the community	Researching	Unfunded/Requested	Permit Sonoma	Lead	CAO
	H2.2 Enhance opportunities for innovative and non-traditional building types for a wide range of housing developments	H 2.2						
		H 2.2.1	Increased the maximum size of accessory dwelling units (ADUs) to 1,200 square feet	Complete	Funded	Permit Sonoma	Lead	
		H 2.2.2	Reduced fees on smaller ADUs to encourage smaller units that are affordable by design	Complete	Funded	Permit Sonoma	Lead	
H3: Support building and development standards with improved local hazard resiliency and reduced climate impacts	**H3.1** Build/Rebuild/Retrofit more resilient homes in Wildland Urban Interface (WUI) and other high-risk hazard locations	H 3.1						
		H 3.1.1	Facilitate construction hardening techniques appropriate for wildfire/urban interfaces and seismic retrofits for rebuilding and existing homes through education and grant programs. Seek Hazard Mitigation Grant for provide assistance for structures at risk of wildfires within high risk areas. Seek Hazard Mitigation Grant for provide assistance for seismic retrofits within high risk areas.	Underway	Unfunded/Requested	Permit Sonoma	Partner	CDC, CAO

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Goal	Proposed Action	Ref ID	Potential Activities or Projects	Implementation Status	Funding Status	Primary Agency	County Role	Other County Agency(ies)
		H 3.1.2	Help property owners navigate vegetation management opportunities through partnership with Fire Safe Sonoma and similar programs	Researching	Unfunded/Requested	Permit Sonoma	Partner	Permit Sonoma, CAO
		H 3.1.3	Advocate for funding opportunities for private property vegetation management to complement creating safe zones around homes in high risk areas	Researching	Unfunded/Requested	Permit Sonoma	Partner	Permit Sonoma, Parks and Open Space, CAO
	H3.2 Build/Rebuild better homes with improved efficiency and reduced operating costs							
		H 3.2.1	Facilitate climate positive construction techniques for building/rebuilding homes through consultation and project planning assistance from the Energy and Sustainability Division of General Services	Underway	Funded	General Services	Lead	ACTTC, Permit Sonoma, CAO
		H 3.2.2	Facilitate building/rebuilding housing with clean energy programs through Sonoma Clean Power grant program	Underway	Funded	General Services	Supporter	Permit Sonoma, CAO
H4: Support rebuilding fire destroyed homes								
	H4.1 Facilitate expedited permitting process for rebuilding home destroyed in the fires	H 4.1.1	Continue Resiliency Permit Center to expedite fire recovery permits	Underway	Funded	Permit Sonoma	Lead	
	H4.2 Explore and develop funding options to assist rebuild of homes destroyed in the fires	H 4.2.1	Seek Federal, State, and other funding to assist rebuilding gaps for those seeking to rebuild after the fires	Underway	Unfunded/Requested	CDC	Lead	CAO
	H4.3 Facilitate and support rebuild navigation to assist those seeking to rebuild homes destroyed in the fires	H 4.3.1	Facilitate navigation assistance, including navigation to financial advising, insurance claim assistance, and professional building services for those seeking to rebuild from the fires in partnership with the ROC Sonoma County Recovery Center	Researching	Unfunded/Requested	CAO	Partner	Health Services, Human Services
	H4.4 Seek insurance issue support at the State level	H 4.4.1	Continue to advocate for assistance with insurance issues with the State	Underway	Funded	CAO	Lead	
H5: Explore use of County-owned property to attract housing development that aligns with County goals	H5.1 Continue process to evaluate and develop housing on already identified County-owned properties for housing development	H 5.1						
		H 5.1.1	Continue process to secure a housing developer for 2150 W College	Underway	Funded	CDC	Lead	County Counsel
		H 5.1.2	Continue process to develop housing at Roseland Village	Underway	Funded	CDC	Lead	County Counsel
		H 5.1.3	Continue efforts to repurpose/sell the Chanate campus as allowed under California statute	Underway	Funded	General Services	Lead	County Counsel

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Goal	Proposed Action	Ref ID	Potential Activities or Projects	Implementation Status	Funding Status	Primary Agency	County Role	Other County Agency(ies)
		H 5.1.4	Explore the potential for housing as part of a mixed-use development on the County Administration Center property	Underway	Unfunded/Requested	General Services	Lead	CAO
	H5.2 Identify and evaluate other potential opportunities for housing on County-owned land not yet identified	H 5.2						
		H 5.2.1	Continue to identify possible housing opportunities on other County-owned land	Underway	Unfunded/Requested	General Services	Lead	CAO
	H5.3 Collaborate with contractors and developers to address barriers such as labor supply that limit rapid housing development	H 5.3						
		H 5.3.1	Evaluate the need for construction worker housing and whether opportunities exist on County owned properties	Scoping	Unfunded/Requested	General Services	Lead	Permit Sonoma, CAO

Goal	Proposed Action	Ref ID	Potential Activities or Projects	Implementation Status	Funding Status	Primary Agency	County Role	Other County Agency	Outside Partner(s)
E1: Develop and support a high quality and equitable local workforce that contributes to rebuild efforts, resiliency, and long-term economic vitality in Sonoma County.	**E1.1** Build sustainable career pathways tied to education and new business opportunities, especially in the area of construction.	E 1.1							
		E 1.1.1	Create a Sonoma County Cooperative Education Program that combines classroom-based learning with structured work experience to develop a pipeline of skilled graduates into local firms.	Underway	Unfunded/ Requested	EDB	Partner		WIB, chambers of commerce, Santa Rosa Junior College, Sonoma State University, Sonoma County Office of Education, CTE Foundation, Empire College, Sonoma County Alliance, local high schools, local employers
		E 1.1.2	Continue to partner with and expand the Sonoma County Youth Ecology Corps to potentially include "green jobs" focused on vegetation management.	Underway	Funded	Workforce Investment Board	Partner	Human Services, Water Agency	Sonoma County Youth Ecology Corps, Tribes
		E 1.1.3	Develop a plan to train and recruit new construction workers that includes collaborating with the North Bay Construction Corps, a five-month after school training program for high school seniors interested in construction and the trades.	Underway	Unfunded/ Uncertain	EDB	Supporter		North Bay Construction Corps, WIB, chambers of commerce, Santa Rosa Junior College,
		E 1.1.4	Utilize grant funding from the California Employment Development Department to help train residents for in-demand construction jobs and promote opportunities in both English and Spanish.	Underway	Funded	Human Services	Lead	Workforce Investment Board	WIB, chambers of commerce, Santa Rosa Junior College, Sonoma State University, Sonoma County Office of
		E 1.1.5	Consider establishing a formal construction skills training center to support North Bay Construction Corps programming.	Underway	Unfunded/ Requested	EDB	Partner	Human Services, Workforce Investment Board	North Bay Construction Corps, WIB, chambers of commerce Santa Rosa Junior College, Sonoma State University, Sonoma County Office of Education, CTE Foundation, Empire College, local high schools, local employers
		E 1.1.6	Establish a Talent Alignment Council to evaluate shortages in the workforce and develop strategies to fill gaps. Council will discuss employer workforce needs and better align training programs to match those needs.	Scoping	Funded	EDB	Lead		Private employers, government bodies, Santa Rosa Junior College, Sonoma State University, and other key organizations and staffed by the Sonoma County Workforce Investment Board (WIB)

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Goal	Proposed Action	Ref ID	Potential Activities or Projects	Implementation Status	Funding Status	Primary Agency	County Role	Other County Agency	Outside Partner(s)
		E 1.1.7	Expand scholarship offerings from non-profit organizations and other philanthropic individuals and organizations for low-income and middle-class students.	Research	Unfunded/ Uncertain	EDB	Partner	Human Services, Workforce Investment Board	Community Foundation Sonoma County, 10,000 Degrees Sonoma County, Career Technical Education Scholarship Fund, the Rotary Club of the Valley of the Moon, other philanthropic individuals and organizations.
	E1.2 Support workforce housing solutions.								
		E 1 2.1	Collaborate to support an Employer Housing Council, to encourage a variety of workforce housing solutions by collaborating with private sector employers and the Renewal Enterprise District to support opportunities for increased workforce housing, especially for construction and associated trade workers.	Underway	Funded	CDC	Partner	EDB	Sonoma County Community Development Commission, City of Santa Rosa, chambers of commerce, local employers, Sonoma County Alliance
	E1.3 Improve transportation options for residents to connect with employers and essential services.								
		E 1.3.1	Work with employers to fund and establish shuttle services, especially for senior resident needs.	Research	Unfunded/ Uncertain	TPW	Lead	EDB	SMART, County, City, and Regional Transit Systems, Private Employers.
		E 1.3.2	Explore public-private partnerships for ride sharing programs to create affordable transportation solutions.	Research	Unfunded/ Uncertain	TPW	Lead	EDB	SMART, County, City, and Regional Transit Systems, Private Employers.
		E 1.3.3	Explore opportunities to leverage SMART and expand, adjust, and discount bus routes, especially for displaced residents.	Research	Unfunded/ Uncertain	TPW	Lead	EDB	SMART, County, City, and Regional Transit Systems, Private Employers.
E2: Support local businesses to thrive by ensuring access to resources, developing partnerships, and providing entrepreneurial support.	E2.1 Assist public and private organizations in Sonoma County in accessing economic recovery loans and other available assistance.	E 2.1.1	Collaborate with partners for outreach to encourage employers to apply for SBA loans to recoup physical and economic damage.	Underway	Unfunded/ Uncertain	EDB	Partner		City of Santa Rosa, Other Cities, Chambers of commerce, Small Business Development Center, SCORE,
		E 2.1.2	Monitor additional resources that come available during recovery, such as Housing and Urban Development (HUD) funding, and encourage employers to apply.	Underway	Unfunded/ Requested	EDB	Partner	CAO, CDC, Human Services, Workforce Investment Board	State and Federal funding agencies
		E 2.1.3	Assist public and private organizations in Sonoma County in accessing economic recovery loans and work with state and federal agencies, local banks, credit unions, and alternative lenders to support business lending and grants to qualified businesses and provide information in English and Spanish.	Underway	Funded	EDB	Partner		California Governor's Office, State and Federal partners, local banks, credit unions, lenders

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Goal	Proposed Action	Ref ID	Potential Activities or Projects	Implementation Status	Funding Status	Primary Agency	County Role	Other County Agency	Outside Partner(s)
		E 2.1.4	Create a pathway to ensure the resiliency of Sonoma County's local agriculture industry by developing long-term solutions for challenges facing agriculture sustainability, such as climate change, market forces, labor shifts and the technology gap.	Scoping	Unfunded/ Uncertain	UCCE	Partner	Ag Comm, Ag + Open Space, EDB	Local businesses, trade associations, non-profits, education, labor groups, government officials, members
	E2.2 Partner with Sonoma County Tourism and other partners to implement a robust economic recovery marketing campaign.	E 2.2.1	Partner with Sonoma County Tourism and other partners to implement an economic recovery marketing campaign.	Completed	Funded	EDB	Partner	CAO	Sonoma County Tourism, GoLocal, City of Santa Rosa, Visitor's Centers/Bureaus, Chambers of Commerce, Other Marketing partners.
		E 2.2.2	Support "Open for Business" marketing effort and other targeted marketing efforts to let residents and visitors know that the County is up and running.	Completed	Funded	EDB	Partner		Sonoma County Tourism, GoLocal, City of Santa Rosa, Visitor's Centers/Bureaus, Chambers of Commerce, Other Marketing partners.
		E 2.2.3	Encourage both residents and non-residents to shop online for Sonoma County goods and donate to local non-profits.	Underway	Unfunded/ Uncertain	EDB	Partner		Sonoma County Tourism, GoLocal, City of Santa Rosa, Visitor's Centers/Bureaus, Chambers of Commerce, Other Marketing partners.
		E 2.2.4	Expand the GoSoCo campaign and support other shopping local shopping marketing efforts to increase public awareness of the economic benefits of shopping local	Underway	Unfunded/ Uncertain	EDB	Partner		Sonoma County Tourism, GoLocal, City of Santa Rosa, Visitor's Centers/Bureaus, Chambers of Commerce, Other Marketing partners.
	E2.3 Expand broadband infrastructure across the county.	E 2.3.1	Explore opportunities to increase access to broadband throughout Sonoma County to increase opportunities for key activities such as receiving urgent information, telecommuting, grocery deliveries, etc.	Underway	Unfunded/ Requested	EDB	Lead	TPW	Access Sonoma Broadband, Sonoma Clean Power

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Recovery and Resiliency Framework Potential Actions List - SAFETY NET

Goal	Proposed Action	Ref ID	Implementation Status	Funding Status	Primary Agency	County Role	Other County Agency(ies)	Outside Partner(s)
SN1: Enhance core County service capacity to address long-term recovery needs and prepare for future disasters.		SN 1						
	SN1.1 Enhance capacity to manage disaster shelters with increased training opportunities and collaboration with community volunteer partners and jurisdictions.	SN 1.1	Underway	Funded	Human Services	Lead	Emergency Management, Health Services	Voluntary Organizations Active in Disasters (VOAD), Medical Reserve Corps
	SN1.2 Develop a plan to ensure available resources and services at disaster shelter are accessible to non-English speaking and/or undocumented residents.	SN 1.2	Underway	Funded	Human Services	Lead	Emergency Management, CAO, Health Services	Volunteer Organizations Active in Disasters (VOAD)
	SN1.3 Explore creation of contingency contracts with eligible food providers to provide healthy and nutritious food services during a disaster.	SN 1.3	Underway	Unfunded/ Uncertain	UCCE	Lead	Emergency Management General Services, Human Services, Health Services	Sonoma County Food Systems Alliance, Volunteer Organizations Active in Disasters (VOAD)
	SN1.4 Consider development of a contingency contract for coordination of food providers during an emergency, including an inventory and mapping of local food resources available throughout the county and nationally during disasters.	SN 1.4	Researching	Unfunded/ Uncertain	UCCE	Lead	Emergency Management General Services, Human Services, Health Services	Sonoma County Food Systems Alliance, Volunteer Organizations Active in Disasters (VOAD)
	SN1.5 Provide re-employment assistance for workers who have lost their jobs because employers' businesses were destroyed or impacted by fires.	SN 1.5	Underway	Funded	Human Services	Lead	EDB	Workforce Investment Board (WIB)
	SN1.6 Continue housing-related programs in Health and Human Services, including applying for appropriate housing grants.	SN 1.6	Underway	Funded	Human Services	Lead	CDC	
	SN1.7 Utilize funding from the California Office of Emergency Services to support housing efforts for victims of elder abuse and neglect.	SN 1.7	Researching	Unfunded/ Requested	Human Services	Lead		Cal OES
	SN1.8 Pursue education and outreach opportunities to inform residents on public health disaster preparedness, with a focus on individuals with disabilities and others with access and functional needs, including individuals with limited English proficiency or non-English speaking.	SN 1.8	Researching	Funded	Health Services	Lead	Emergency Management, CAO	Community partners
	SN1.9 Develop a plan to set up emergency childcare facilities to allow emergency responders and community members to continue critical work needs.	SN 1.9	Research	Unfunded/ Uncertain	Health Services	Lead	Human Services	First 5, Community Child Care Council

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Recovery and Resiliency Framework Potential Actions List - SAFETY NET

Goal	Proposed Action	Ref ID	Implementation Status	Funding Status	Primary Agency	County Role	Other County Agency(ies)	Outside Partner(s)
SN2: Ensure the post-fire mental health and resiliency needs of the community are met.		SN 2						
	SN2.1 Continue to provide crisis counseling, available county-wide through California HOPE, for residents affected by the fires.	SN 2.1	Underway	Funded	Health Services	Lead		Council on Aging, Petaluma People Services Center, West County Community Services and Goodwill Redwood Empire
	SN2.2 Partner with mental health professional associations, healthcare providers, funders, and nonprofits, to identify gaps in and ensure continuity of services.	SN 2.2	Underway	Unfunded/ Uncertain	Health Services	Partner		Wildfire Mental Health Collaborative
	SN2.3 Create a plan that addresses the short- and long-term integration of trauma-informed care in the community throughout various institutions, including schools, behavioral health services, and case management.	SN 2.3	Researching	Unfunded/ Uncertain	Health Services	Lead		
	SN2.4 Create communal healing spaces that open the conversation and destigmatize trauma, including town halls, healing clinics, or community events.	SN 2.4	Researching	Unfunded/ Uncertain	Health Services	Partner	Human Services	ROC Sonoma County, California HOPE, community organizations
SN3: Build capacity with cross sector partners and community members to improve coordination and communication.		SN 3						
	SN3.1 Strengthen Accessing Coordinated Care & Empowering Self Sufficiency (ACCESS) Sonoma County Initiative's capacity to coordinate care delivery, inc	SN 3.1	Underway	Unfunded/ Requested	Health Services	Lead	Human Services	Other County Departments, IBM
	SN3.2 Develop a technology tool to enable cross-departmental coordination and assessment of improvements in the health, well-being and self-sufficiency of high needs clients.	SN 3.2	Underway	Unfunded/ Requested	Health Services	Lead	Human Services	IBM
	SN3.3 Expand "one-stop-shop" opportunities for residents to receive updated information and resources needed for recovery, which includes navigation assistance for financial advising, insurance claims, and rebuilding for those seeking to rebuild from the fires.	SN 3.3	Scoping	Unfunded/ Uncertain	CAO	Lead	Health Services, Human Services, Permit Sonoma, CDC	Rebuilding Our Community (ROC) Sonoma County
	SN3.4 Identify roles and responsibilities of community partners and the County as they relate to recovery activities.	SN 3.4	Researching	Unfunded/ Uncertain	CAO	Lead	Health Services, Human Services	Community partners
	SN3.5 Enhance services and capacity of 211 Sonoma County.	SN 3.5	Scoping	Unfunded/ Uncertain	Human Services	Sponsor	Emergency Management, CAO	
	SN3.6 Partner with community assessments and surveys and utilize existing community data to inform ongoing recovery priorities.	SN 3.6	Underway	Funded	CAO	Partner	Health Services, Human Services	

Recovery and Resiliency Framework Potential Actions List - SAFETY NET

Goal	Proposed Action	Ref ID	Implementation Status	Funding Status	Primary Agency	County Role	Other County Agency(ies)	Outside Partner(s)
	SN3.7 Partner with community providers (hospitals, clinics, skilled nursing facilities, non-profits, faith-based organizations, etc.) to develop collaborative disaster planning and preparedness efforts.	SN 3.7	Underway	Funded	Health Services	Partner	Human Services, Emergency Preparedness	Hospitals, clinics, skilled nursing facilities, non-profits, faith-based organizations, etc.
SN4: Understand and address social inequities to advance opportunities for all.		SN 4						
	SN4.1 Create a comprehensive community needs assessment using a vulnerability methodology that assesses disparities and needs related to health, well-being and self-sufficiency.	SN 4.1	Underway	Funded	Health Services	Lead	Safety Net Services County Departments	Community partners
	SN4.2 Develop principles and guidelines to launch implementation of performance-based contracting to increase efficiencies and effectiveness of safety net service delivery.	SN 4.2	Scoping	Unfunded/ Requested	CAO	Lead	Health Services, Human Services, CDC, Probation	Community partners
	SN4.3 Leverage and utilize tools offered by the Government Alliance on Race and Equity network to achieve racial equity and advance opportunities for all.	SN 4.3	Underway	Funded	Health Services	Lead	Human Resources, CAO	

Goal	Proposed Action	Potential Activities or Projects	Ref ID	Implementation Status	Funding Status	Primary Agency	County Role	Other County Agency(ies)	Outside Partner(s)
NR1: Reduce fuel loads in forests, woodlands and shrub lands strategically to lower wildfire hazards to communities and sensitive habitats, improve delivery of resources and amenities people need, and move forests on a trajectory of increased resistance to drought, disease, and insects.	**NR1.1** Develop strategic, proactive fuel reduction and landscape resiliency priorities using key criteria (e.g., wildfire risk, public health and safety, water supply needs, economic impacts, and ecosystem sensitivity) using decision-support tools with objective data and expert advisors.		NR 1.1						
		Assess fire impacts to carbon storage and identify carbon-wise options for fuel load reductions.	NR 1.1.1	Underway	Funded	Ag + Open Space	Lead	UCCE	Education/ Research; State Agencies
		Consider fuel and fire break benefits in identifying potential forest, woodland, and shrubland land acquisitions, conservation easements, and/or development right transfers.	NR 1.1.2	Underway	Funded	Ag + Open Space	Lead	Regional Parks; Permit Sonoma	NGO/Non-Profits
		Assess fuel risks and tree mortality along public right of way in northwest Sonoma County to prioritize treatment locations.	NR 1.1.3	Scoping	Funded	TPW	Lead	Permit Sonoma	Fire Safe Sonoma
		Collaborate to create and maintain a decision support resources that gather relevant scientific base data, human and ecosystem assets at risk, driving factors controlling fire hazards that can be accessible to public and private decision makers as they identify and prioritize fuel load and other resiliency management actions.	NR 1.1.4	Scoping	Unfunded / Uncertain	CAO	Partner	Sonoma Water; Permit Sonoma; Regional Parks; Ag + Open Space; ISD	Educational/ Research; State Agencies; Non-profit organizations
		Based on best available science, consider designating various forest fuel management land use overlays that could impose restrictions to improve community safety.	NR 1.1.5	Researching	Unfunded / Uncertain	Permit Sonoma	Lead	Ag Comm	Education / Research
		Based on best available science, consider designating various forest fuel management land use overlays that feature incentives to improve community safety.	NR 1.1.6	Researching	Unfunded / Uncertain	Permit Sonoma	Lead	Ag + Open Space; UCCE	Education / Research
	NR 1.2 Evaluate options for active management of forests, woodlands, and shrub lands on public and private lands for fuel and fire breaks that decrease risks to developed communities.		NR 1.2						
		Implement preventative fuel load reduction and fuel breaks along public road rights-of-way, according to priorities informed by NR 1.1.	NR 1.2.1	Scoping	Unfunded / Requested	TPW	Lead		Cities & Communities; State Agencies
		Coordinate expedited thinning, burning and grazing projects to reduce fuel loads on properties owned or managed by the County and Special Districts, according to priorities informed by NR 1.1.	NR 1.2.2	Scoping	Unfunded / Uncertain	CAO	Partner	Regional Parks; Ag + Open Space; Sonoma Water	Mayacama Golf Club
		Collaborate to identify and implement fuel breaks in upper Mark West Creek watershed.	NR 1.2.3	Underway	Funded	Regional Parks	Partner	Regional Parks; Ag + Open Space; Sonoma Water	Sonoma RCD; Pepperwood Preserve; Friends of Mark West Watershed; Mayacama Golf Club

Goal	Proposed Action	Potential Activities or Projects	Ref ID	Implementation Status	Funding Status	Primary Agency	County Role	Other County Agency(ies)	Outside Partner(s)
		Provide supportive guidance to private property owners and advocate for improved technical, financial, and regulatory conditions to faciliate forest management via multiple strategies and methods that provide ecological and public safety benefits to the community.	NR 1.2.4	Underway	Unfunded / Uncertain	UCCE	Partner	Permit Sonoma; CAO	State Agencies; RCD; non-profit organizations
		Assist and support increased opportunities for fuel load reduction on private and public lands using grazing (including demonstration projects and updated guidance from Certified Rangeland managers).	NR 1.2.5	Researching	Unfunded / Uncertain	UCCE	Lead	Regional Parks	Education/ Research; RCD; State Agencies;Coast Ridge Community Forest
		Encourage the potential creation of volunteer, community-based land stewardship associations (e.g., Prescribed Burn Associations, Grazing Cooperatives), particularly in vulnerable rural areas with high fuel loads.	NR 1.2.6	Scoping	Unfunded / Uncertain	UCCE	Partner		RCDs; nonprofit organizations; neighborhood groups;
		Management of dead and dying Bishop Pine on the Sonoma Coast for fuel load reduction and ecosystem restoration.	NR 1.2.7	Researching	Unfunded / Uncertain	TPW	Supporter	Permit Sonoma	State Parks (Sonoma-Mendocino Coast District); Timber Cove; State Agencies (CalTrans)
		Assist private property owners with burned parcel revegetation management to promote healthy vegetation structure and density over time.	NR 1.2.8	Underway	Unfunded / Uncertain	UCCE	Partner		RCDs; non-profit organizations
	NR 1.3 Strengthen regional forest stewardship to improve leadership, oversight, training and funding of fuel reduction projects, while improving data resources and sharing to support environmental protections while facilitating effective fuel reduction opportunities for landowner and community-based projects.		NR 1.3						
		Promote opportunities for landowners and the general public to gain understanding of cultural, economic, and environmental issues about forest stewardship activities as part of demonstration and/or implementation efforts.	NR 1.3.1	Underway	Unfunded / Uncertain	UCCE	Lead	Regional Parks	State Agencies; RCDs; Tribes; Landowners
		Participate in the Governor's Forest Management Task Force (FMTF), the Rural County Representatives of California (RCRC), and the North Coast Resource Partnership (NCRP). Our participation will elevate our profile, keep us up-to-date on regulatory, funding, and policy issues, and capitalize on lessons learned elsewhere.	NR 1.3.2	Underway	Unfunded / Uncertain	CAO	Lead	Sonoma Water	State Agencies; Federal Agencies
		Evaluate the potential for traditional markets, regulations, and innovative means to improve the health and resilience of Sonoma County forest ecosystems, and provide recommendations that could include local or regional-scale governance structures, tax or fee funding, commercial activities, and landowner cooperative efforts.	NR 1.3.3	Underway	Unfunded / Uncertain	CAO	Partner	Permit Sonoma	Education/ Research; State Agencies; non-profit organziations; Pepperwood Preserve; Sonoma County Forest Working Group
		Assess the potential for improved local-regional commercial markets in small wood biomass and related emerging vegetation management/carbon storage methods.	NR 1.3.4	Researching	Unfunded / Uncertain	CAO	Supporter	Sonoma Water	State Agencies; For-Profit Business; Education/Research; Blue Forest Conservation

Goal	Proposed Action	Potential Activities or Projects	Ref ID	Implementation Status	Funding Status	Primary Agency	County Role	Other County Agency(ies)	Outside Partner(s)
NR2: Assess and support burned watersheds' recovery, and protect and enhance stream systems to lessen wildfire danger to communities, support water supply and drought tolerance, and provide flood attenuation while sustaining ecological functions and biological diversity.	**NR2.1** Assess Mark West Creek and other priority burned streams to identify and rank recovery and rehabilitation needs and prepare for potential secondary hazards over the next few winters.		NR 2.1						
		Provide technical and resource information to landowners within burned watersheds regarding prevention of erosion, sedimentation, and water quality impairment that may be relevant for approximately five years post-fire.	NR 2.1.1	Completed	Funded	CAO	Partner	Permit Sonoma; Sonoma Water	RCD; NGO/Non-Profit; State Agencies
		Assist private property owners with containment BMPs to minimize the risk of debris and toxic material runoff to streams and rivers in early 2018, and with erosion and sediment control BMP installations and maintenance over approximately five subsequent rainy seasons.	NR 2.1.2	Underway	Unfunded / Uncertain	CAO	Partner	Sonoma Water	RCD; Nonprofit Organizations (Russian Riverkeeper; Sonoma Ecology Center; Sonoma County Conservation Action)
		Assess post-fire stream channel stability and vulnerability to potential secondary fire hazards due to potential flooding, erosion, and sedimentation, and debris flows for approximately five years post-fire.	NR 2.1.3	Underway	Unfunded / Uncertain	CAO	Partner	Sonoma Water; Regional Parks	RCD; NGO/Non-Profit; State Agencies
		Monitor burned public land native vegetation recovery, erosion and sedimentation risks, invasive/noxious species establishment to prioritize and implement remedial efforts as needed to minimize hazards.	NR 2.1.4	Underway	Funded	Regional Parks; Ag + Open Space	Lead	TPW; Ag Comm	State Agencies
		Assist private property owners in areas affected by the October 2017 with evaluation of burned vegetation, residual fuel loads, invasive/noxious species.	NR 2.1.5	Researching	Unfunded / Uncertain	Permit Sonoma	Partner	CAO; UCCE; Ag Comm	State Agencies (Cal Fire); Fire Safe Sonoma; RCDs
		Assess, design and implement stabilization and re-vegetation needs on Hood Mountain sites burned or damaged during fire-fighting to prevent flooding, erosion, and debris flows.	NR 2.1.6	Underway	Unfunded / Requested	Regional Parks	Lead		Nonprofit organizations (Sonoma Ecology Center); State Agencies
		Assist with/request mapping and prioritization of vulnerable hillslopes and/or earthen dams within burn areas	NR 2.1.7	Researching	Unfunded / Uncertain	Permit Sonoma	Supporter	Regional Parks	State Agencies (Division of Safety of Dams)
		Support manure management planning for private equine properties within burned watersheds.	NR 2.1.8	Researching	Unfunded / Requested	UCCE	Supporter	Permit Sonoma	Sonoma County Horse Council; State Agencies (Regional Board)
		Collaborate to provide guidance and support funding efforts for owners of individual or shared private roads and bridges with post-fire erosion and sediment control.	NR 2.1.9	Researching	Unfunded / Uncertain	TPW	Supporter	Permit Sonoma; Sonoma Water	Sonoma Ecology Center; State Parks
	NR 2.2 Incorporate fire, flood and drought resiliency considerations in stream corridor land use decisions involving riparian zones and functional riparian zone protection/enhancement incentives and regulations.		NR 2.2						

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Goal	Proposed Action	Potential Activities or Projects	Ref ID	Implementation Status	Funding Status	Primary Agency	County Role	Other County Agency(ies)	Outside Partner(s)
		Prioritize fuel load reduction benefits as ranking criteria in the storm water resource planning process.	NR 2.2.1	Completed	Funded	Sonoma Water	Lead	Permit Sonoma	Cities & Communities; State Agencies
		Support invasive species control and management on private lands disturbed by the fires and/or fire-fighting efforts. Conduct outreach with pest control businesses to ensure compliance with applicable pesticide regulations within the fire areas during rebuilding and vegetation recovery.	NR 2.2.2	Underway	Unfunded / Uncertain	Ag Comm	Lead	UCCE	RCDs; Non-profits; For-Profit Businesses
		Map potential riparian (and shoreline) buffers of adequate width, length, hydrology, soils and vegetation to provide effective fuel breaks, flood conveyance and groundwater recharge. Include all functional low fuel load/high moisture land uses (e.g., storm water basins or water storage ponds; irrigated fields, pastures, or recreation facilities, native riparian, wetlands, or managed grasslands).	NR 2.2.3	Underway	Funded	Ag + Open Space	Lead	Sonoma Water	Academic/Research; University of California; Sonoma State University
		Apply fire and drought research to our local setting, offer trainings, and facilitate implementation of resilient landscaping principles as the fire-damaged areas recover and rebuild.	NR 2.2.4	Underway	Unfunded / Uncertain	UCCE	Partner	Sonoma Water	UC Master Gardners; Sonoma Marin Water Saving Partnership; Daily Acts
		Collaborate with qualified public entities, researchers, and NGOs to identify and prioritize stream corridor and/or other open space parcels that would contribute to a network providing resiliency to future fire, floods, and drought.	NR 2.2.5	Scoping	Unfunded / Uncertain	CAO	Partner	Ag + Open Space; Regional Parks; Sonoma Water; Permit Sonoma	Cities & Communities; non-profit organizations
		Evaluate policies and regulatory framework that could facilitate future acquisition (in fee title/easement with transfer of development rights) of parcels suitable for integration in multi-benefit green breaks by public agencies or NGOs qualified to assume management responsibility.	NR 2.2.6	Researching	Unfunded / Uncertain	Permit Sonoma	Lead		Non-profit organizations
		Evaluate opportunities to work with willing sellers to purchase (in fee title/easement with transfer of development rights) of parcels suitable for integration in multi-benefit green breaks by public agencies or Non-Governmental Organizations qualified to assume management responsibility.	NR 2.2.8	Underway	Unfunded / Uncertain	Ag + Open Space	Lead		Non-profit organizations
	NR 2.3 Prioritize improved resilience of Wildland Urban Interface (WUI) areas to fire and/or other natural hazards in open space land protection acquisitions and easements as well as in community separator designations.		NR 2.3						
		Prioritize easements and acquisitions within the WUI and areas affected by 2017 fires that have appropriate ecosystem and fire hazard reduction benefits.	NR 2.3.1	Underway	Funded	Ag + Open Space	Lead		
		Gather, review, and describe applicable policies, practices, and regulations from similar regions that are successful in providing fire and flood resiliency for natural resources/working lands.	NR 2.3.2	Scoping	Unfunded / Requested	Permit Sonoma	Lead	UCCE	Educational/Research; Federal Agencies; nonprofit organizations
		Coordinate to consider both ecological and emergency access requirements for long-term management along fire-fighting scars on parks and other public lands within the burned zone.	NR 2.3.3	Researching	Unfunded / Uncertain	Regional Parks	Partner	Ag + Open Space; Permit Sonoma; FES	nonprofit organizations; educational/research; state agencies (Cal Fire)

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Goal	Proposed Action	Potential Activities or Projects	Ref ID	Implementation Status	Funding Status	Primary Agency	County Role	Other County Agency(ies)	Outside Partner(s)
		Pursue cooperative vegetation management planning in vicinities/neighborhoods with several jurisdictions (e.g., Oakmont)	NR 2.3.4	Scoping	Unfunded / Requested	Regional Parks	Partner		City of Santa Rosa; State Parks
		Evaluate and consider expansion and adaptation of wildland urban interface (WUI) and community separator planning concepts to include possible 'green breaks' with multiple benefits for natural resources and communities.	NR 2.3.5	Researching	Unfunded / Uncertain	Permit Sonoma	Lead		Non-profit organizations; State Agencies; Federal Agencies

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Recovery and Resiliency Framework Potential Actions List - NATURAL RESOURCES

Goal	Proposed Action	Potential Activities or Projects	Ref ID	Implementation Status	Funding Status	Primary Agency	County Role	Other County Agency(ies)	Outside Partner(s)
	NR 2.4 Improve stream corridor conditions via outreach, training, and voluntary actions modeled on successful stream maintenance and habitat restoration programs, based on scientific studies.		NR 2.4						
		Coordinate with partners regarding planning and implementation of multi-benefit stream rehabilitation/restoration projects on public and private lands.	NR 2.4.1	Researching	Unfunded / Uncertain	Sonoma Water; Ag + Open Space	Partner	Regional Parks	RCD; non-profit organizations
		Identify existing hazard trees on public land suitable for beneficial reuse as Large Woody Debris (LWD) in aquatic habitat restoration projects and facilitate their storage and distribution to appropriate agencies and organizations.	NR 2.4.2	Scoping	Unfunded / Uncertain	Sonoma Water	Partner	TPW; Regional Parks	State Agencies (CDFW); Federal Agencies (NOAA Fisheries)
		Work with public and private partners to improve preparedness for water quality Best Management Practice (BMP) deployment in future emergencies; develop informal agreements regarding materials, methods, working relationships, responsibilities and geographic coverages to help address potential BMP needs on private lands.	NR 2.4.3	Scoping	Unfunded / Uncertain	CAO	Partner	Sonoma Water; Permit Sonoma;	RCD; non-profit organziations; For-Profit Businesses
		Collaborate with adjacent landowners to improve management practices that could result in enlarged, effective multi-benefit buffers around parks and other public lands.	NR 2.4.5	Researching	Unfunded / Uncertain	Regional Parks	Partner	Ag + Open Space; TPW	RCD; UCCE; Landowners
		Consider expanding stream maintenance activities in public responsibility reaches to foster flood conveyance, protect water quality and aquatic habitat, and provide fuel breaks.	NR 2.4.6	Researching	Unfunded / Uncertain	Sonoma Water	Lead	Regional Parks	Cities & Communities
NR3: Build on prior and continuing investments in natural resources acquisitions, monitoring, technical studies and partnerships to integrate best available science into outreach efforts, policy development, regulations, incentives, and land use planning decisions.	NR 3.1 Nurture community awareness and understanding of our fire-adapted landscape and the value of becoming a resilient fire-adapted community using results of post-fire monitoring and research.		NR 3.1						
		Engage the general public and specific stakeholder groups in physical and virtual visits to burned lands, via Nature Heals series and fire interpretive trail(s), along with visits to similar vulnerable lands for comparison.	NR 3.1.1	Completed	Funded	Regional Parks	Lead		NGO/Non-Profits
		Conduct focused landowner and community outreach and conversation about fire risks, fuel reduction, and forest management within the water supply priority watershed of Lake Sonoma.	NR 3.1.2	Completed	Funded	Sonoma Water	Partner	FES	For profit Business (Ag Innovations); RCDs; Fire Safe Sonoma
		Participate in reporting post-fire natural resources monitoring data results and interpretations via a range of platforms, in culturally relevant ways, addressing broad audiences as well as specific stakeholder groups.	NR 3.1.3	Underway	Unfunded / Uncertain	CAO	Partner	Sonoma Water; Ag + Open Space; Regional Parks; UCCE;	Educational/Research; State Agencies

Goal	Proposed Action	Potential Activities or Projects	Ref ID	Implementation Status	Funding Status	Primary Agency	County Role	Other County Agency(ies)	Outside Partner(s)
		Facilitate public access to the improved rainfall, runoff, and natural hazards monitoring network (e.g., Sonoma OneRain), to improve awareness and knowledge of recovery status and secondary hazard risks in the burned areas.	NR 3.1.4	Underway	Unfunded / Uncertain	Sonoma Water	Partner	Permit Sonoma	Cities & Communities
		Increase the integration of the weather, streamflow, water quality and fire detection systems (e.g., cameras) monitoring network with planning and permitting of forest and stream management actions.	NR 3.1.5	Underway	Funded	Sonoma Water	Partner	Permit Sonoma	Federal Agencies; Educational/Research (UC San Diego; UN Reno); For profit Business (PG&E)
		Expand citizen-scientist participation in data collection for on-going natural resources monitoring and/or event response and recovery documentation (including public schools, 4-H or other youth programs).	NR 3.1.6	Underway	Unfunded / Uncertain	UCCE	Partner	Superintendent of Schools	NGO/Non-Profits; Education/Research
		Use inspection and enforcement activities as opportunities to inform and educate regarding required and recommended land, vegetation, soil and water management practices.	NR 3.1.7	Researching	Unfunded / Uncertain	Permit Sonoma	Lead	Ag Comm	Cities & Communities
		Perform outreach and education to inform public about ecological importance of forests and the critical role (and native cultural history) related to prescribed and managed burning and grazing.	NR 3.1.8	Researching	Unfunded / Uncertain	UCCE	Partner	Superintendent of Schools	RCD; NGO/Non-Profit; Tribes; Education/Research
	NR3.2 Continue to collect best available scientific information to inform policy development and county investments that protect watersheds and developed communities from natural disasters.								
		Contribute to field assessments and analysis of monitoring and remote sensing data to assess fine-scale burn severity, vegetation mortality, carbon loss, slope stability, erosion and sedimentation, and stream channel response to fire damage.	NR 3.2.1	Underway	Funded	Ag + Open Space	Partner	Sonoma Water	Education/ Research; Pepperwood Preserve
		Research potential future fire hazards to water supply / water quality via possible contamination of the natural filtration provided by the gravels underlying the Russian River.	NR 3.2.2	Underway	Funded	Sonoma Water	Partner		Educational/ Research (UCB Lawrence Livermore Lab); Federal Agencies (USGS)
		Conduct post-fire field and modeling research on soil, runoff, and debris flow hazards to assess variability between geologic units and vegetation types in Sonoma County; support improved secondary hazard forecast modeling.	NR 3.2.3	Underway	Funded	Sonoma Water	Partner	Regional Parks	Federal Agencies (USGS); Educational/ Research (Pepperwood Preserve); State Agencies (State Parks)
		Conduct and collaborate on studies evaluating how initial land use/vegetation type and condition affected fire damage and recovery progress, featuring impacted public and protected lands as case studies.	NR 3.2.4	Underway	Unfunded / Uncertain	Ag + Open Space	Lead	UCCE; Ag Comm	Educational/ Research
		Estimate the economic value of ecosystem services lost due to the 2017 fires to assist with cost/benefit analysis of various policy and planning decisions, and support funding requests.	NR 3.2.5	Underway	Unfunded / Uncertain	Ag + Open Space	Lead	Sonoma Water	Educational/ Research

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Goal	Proposed Action	Potential Activities or Projects	Ref ID	Implementation Status	Funding Status	Primary Agency	County Role	Other County Agency(ies)	Outside Partner(s)
		Fill key data gaps regarding ecosystem services valuations that can guide prioritization of forest management actions and assist in choosing/pursuing various organizational options (cooperatives; special districts; Joint Powers Authority; Marketing Order, etc.)	NR 3.2.6	Researching	Unfunded / Uncertain	CAO	Partner		Educational/ Research (UCB; Pepperwood); nonprofits; RCDs; for profit (ebalive)
	NR 3.3 Consider scientific data about the condition, fire vulnerability, and relative impacts of the 2017 fires on natural and working lands during updates to land use policies, plans, and regulations.		NR 3.3						
		Incorporate watershed resiliency and natural resource priorities in the Agriculture + Open Space District's Vital Lands Initiative.	NR 3.3.1	Underway	Funded	Ag + Open Space	Lead		Landowners
		Conduct supplemental studies and mapping to support updates to the seismic hazards of the Rodgers Creek Fault zone for the update to the LHMP	NR 3.3.2	Scoping	Unfunded / Requested	Permit Sonoma	Lead		State Agencies
		Explore modifications to County Code and Ordinances that will advance Natural Resources resiliency and community safety.	NR 3.3.3	Researching	Unfunded / Uncertain	Permit Sonoma	Lead		Cities & Communities
		Highlight watershed resiliency and natural resource priorities in the General Plan update.	NR 3.3.4	Researching	Unfunded / Uncertain	Permit Sonoma	Lead		Cities & Communities
		Incorporate multibenefit projects for watershed resiliency and natural resource priorities in updates to the Storm Water Resources Plans (Russian River and Southern Sonoma County watersheds)	NR 3.3.5	Scoping	Unfunded / Requested	Sonoma Water	Lead	Ag + Open Space; Regional Parks; Permit Sonoma	
		Coordinate and collaborate to craft environmentally responsible conservation and mitigation for listed species and wetlands/waters of Sonoma County with programs, policies and mitigation strategies that reduce development uncertainty while protecting natural resources (e.g., Regional Conservation Investment Strategies Program, Habitat Conservation Plan, or other local plan updates).	NR 3.3.6	Researching	Unfunded / Uncertain	CAO	Partner	Permit Sonoma	Cities & Communities; State Agencies; Federal Agencies
	NR 3.4 Improve natural resources hazards and resiliency data management and accessibility between governments, academic institutions, other organizations and the public.		NR 3.4						
		Use reporting about the roles of natural resources relative to the 2017 fires (positive and negative) to prompt awareness about wildfire, flooding, and drought risk and resiliency.	NR 3.4.1	Researching	Unfunded / Uncertain	Permit Sonoma	Partner	Sonoma Water	Cities & Communities; non-profit organizations; education/research
		Engage with Tribes to gather their interpretations of recent fire patterns and damage, and solicit guidance reflecting native cultural practices of vegetation management.	NR 3.4.2	Researching	Unfunded / Uncertain	Permit Sonoma	Partner	Sonoma Water; UCCE	Tribes
		Continue to collaborate with public and private partners to improve the consistency of natural resource management information, avoid duplication of efforts, and increase outreach extent and effectiveness.	NR 3.4.3	Underway	Unfunded / Uncertain	UCCE	Partner	Permit Sonoma; Ag Comm; Sonoma Water	Non-profit organizations; RCD

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